15199.ST25.txt
SEQUENCE LISTING

<110> Gopalrathnam, Ganapathy
        Huang, Lihua
        Riggin, Ralph M
        Sheliga, Theodore A.

<120> Activated Protein C Formulations

<130> P15199

<140> 60/363364
<141> 2002-03-08

<160> 3

<170> PatentIn version 3.1

<210> 1
<211> 410
<212> PRT
<213> Homo sapiens

<400> 1

His Ser Ser Leu Glu Arg Glu Cys Ile Glu Glu Ile Cys Asp Phe Glu
1   5   10   15

Glu Ala Lys Glu Ile Phe Gln Asn Val Asp Asp Thr Leu Ala Phe Trp
            20   25   30

Ser Lys His Val Asp Gly Asp Gln Cys Leu Val Leu Pro Leu Glu His
        35   40   45

Pro Cys Ala Ser Leu Cys Cys Gly His Gly Thr Cys Ile Asp Gly Ile
    50   55   60

Gly Ser Phe Ser Cys Asp Cys Arg Ser Gly Trp Glu Gly Arg Phe Cys
65   70   75   80

Gln Arg Glu Val Ser Phe Leu Asn Cys Ser Leu Asp Asn Gly Gly Cys
                85   90   95

Thr His Tyr Cys Leu Glu Glu Val Gly Trp Arg Arg Cys Ser Cys Ala
            100   105   110

Pro Gly Tyr Lys Leu Gly Asp Asp Leu Leu Gln Cys His Pro Ala Val
        115   120   125

Lys Phe Pro Cys Gly Arg Pro Trp Lys Arg Met Glu Lys Lys Arg Ser
    130   135   140

His Leu Lys Arg Asp Thr Glu Asp Gln Glu Asp Gln Val Asp Pro Arg
145   150   155   160

15199.ST25.txt

Leu Ile Asp Gly Lys Met Thr Arg Arg Gly Asp Ser Pro Trp Gln Val
165 170 175

Val Leu Leu Asp Ser Lys Lys Lys Leu Ala Cys Gly Ala Val Leu Ile
180 185 190

His Pro Ser Trp Val Leu Thr Ala Ala His Cys Met Asp Glu Ser Lys
195 200 205

Lys Leu Leu Val Arg Leu Gly Glu Tyr Asp Leu Arg Arg Trp Glu Lys
210 215 220

Trp Glu Leu Asp Leu Asp Ile Lys Glu Val Phe Val His Pro Asn Tyr
225 230 235 240

Ser Lys Ser Thr Thr Asp Asn Asp Ile Ala Leu Leu His Leu Ala Gln
245 250 255

Pro Ala Thr Leu Ser Gln Thr Ile Val Pro Ile Cys Leu Pro Asp Ser
260 265 270

Gly Leu Ala Glu Arg Glu Leu Asn Gln Ala Gly Gln Glu Thr Leu Val
275 280 285

Thr Gly Trp Gly Tyr His Ser Ser Arg Glu Lys Glu Ala Lys Arg Asn
290 295 300

Arg Thr Phe Val Leu Asn Phe Ile Lys Ile Pro Val Val Pro His Asn
305 310 315 320

Glu Cys Ser Glu Val Met Ser Asn Met Val Ser Glu Asn Met Leu Cys
325 330 335

Ala Gly Ile Leu Gly Asp Arg Gln Asp Ala Cys Glu Gly Asp Ser Gly
340 345 350

Gly Pro Met Val Ala Ser Phe His Gly Thr Trp Phe Leu Val Gly Leu
355 360 365

Val Ser Trp Gly Glu Gly Cys Gly Leu Leu His Asn Tyr Gly Val Tyr
370 375 380

Thr Lys Val Ser Arg Tyr Leu Asp Trp Ile His Gly His Ile Arg Asp
385 390 395 400

Lys Glu Ala Pro Gln Lys Ser Trp Ala Pro
405 410

2

15199.ST25.txt

```
<210>   2
<211>   409
<212>   PRT
<213>   Homo sapiens

<400>   2
```

Ser Ser Leu Glu Arg Glu Cys Ile Glu Glu Ile Cys Asp Phe Glu Glu
1   5   10   15

Ala Lys Gln Ile Phe Gln Asn Val Asp Asp Thr Leu Ala Phe Trp Ser
            20   25   30

Lys His Val Asp Gly Asp Gln Cys Leu Val Leu Pro Leu Glu His Pro
        35   40   45

Cys Ala Ser Leu Cys Cys Gly His Gly Thr Cys Ile Asp Gly Ile Gly
    50   55   60

Ser Phe Ser Cys Asp Cys Arg Ser Gly Trp Glu Gly Arg Phe Cys Gln
65   70   75   80

Arg Glu Val Ser Phe Leu Asn Cys Ser Leu Asp Asn Gly Gly Cys Thr
                85   90   95

His Tyr Cys Leu Glu Glu Val Gly Trp Arg Arg Cys Ser Cys Ala Pro
            100   105   110

Gly Tyr Lys Leu Gly Asp Asp Leu Leu Gln Cys His Pro Ala Val Lys
        115   120   125

Phe Pro Cys Gly Arg Pro Trp Lys Arg Met Glu Lys Lys Arg Ser His
    130   135   140

Leu Lys Arg Asp Thr Glu Asp Gln Glu Asp Gln Val Asp Pro Arg Leu
145   150   155   160

Ile Asp Gly Lys Met Thr Arg Arg Gly Asp Ser Pro Trp Gln Val Val
                165   170   175

Leu Leu Asp Ser Lys Lys Lys Leu Ala Cys Gly Ala Val Leu Ile His
            180   185   190

Pro Ser Trp Val Leu Thr Ala Ala His Cys Met Asp Glu Ser Lys Lys
        195   200   205

Leu Leu Val Arg Leu Gly Glu Tyr Asp Leu Arg Arg Trp Glu Lys Trp
    210   215   220

15199.ST25.txt

Glu Leu Asp Leu Asp Ile Lys Glu Val Phe Val His Pro Asn Tyr Ser
225   230   235   240

Lys Ser Thr Thr Asp Asn Asp Ile Ala Leu Leu His Leu Ala Gln Pro
                245   250   255

Ala Thr Leu Ser Gln Thr Ile Val Pro Ile Cys Leu Pro Asp Ser Gly
            260   265   270

Leu Ala Glu Arg Glu Leu Asn Gln Ala Gly Gln Glu Thr Leu Val Thr
        275   280   285

Gly Trp Gly Tyr His Ser Ser Arg Glu Lys Glu Ala Lys Arg Asn Arg
    290   295   300

Thr Phe Val Leu Asn Phe Ile Lys Ile Pro Val Val Pro His Asn Glu
305   310   315   320

Cys Ser Glu Val Met Ser Asn Met Val Ser Glu Asn Met Leu Cys Ala
                325   330   335

Gly Ile Leu Gly Asp Arg Gln Asp Ala Cys Glu Gly Asp Ser Gly Gly
            340   345   350

Pro Met Val Ala Ser Phe His Gly Thr Trp Phe Leu Val Gly Leu Val
        355   360   365

Ser Trp Gly Glu Gly Cys Gly Leu Leu His Asn Tyr Gly Val Tyr Thr
    370   375   380

Lys Val Ser Arg Tyr Leu Asp Trp Ile His Gly His Ile Arg Asp Lys
385   390   395   400

Glu Ala Pro Gln Lys Ser Trp Ala Pro
                405

<210>   3
<211>   419
<212>   PRT
<213>   Homo sapiens

<400>   3

Ala Asn Ser Phe Leu Glu Glu Leu Arg His Ser Ser Leu Glu Arg Glu
1   5   10   15

Cys Ile Glu Glu Ile Cys Asp Phe Glu Glu Ala Lys Glu Ile Phe Gln
            20   25   30

Asn Val Asp Asp Thr Leu Ala Phe Trp Ser Lys His Val Asp Gly Asp
                        4

35   15199.ST25.txt
                         40   45

Gln Cys Leu Val Leu Pro Leu Glu His Pro Cys Ala Ser Leu Cys Cys
    50   55   60

Gly His Gly Thr Cys Ile Asp Gly Ile Gly Ser Phe Ser Cys Asp Cys
65   70   75   80

Arg Ser Gly Trp Glu Gly Arg Phe Cys Gln Arg Glu Val Ser Phe Leu
                85   90   95

Asn Cys Ser Leu Asp Asn Gly Gly Cys Thr His Tyr Cys Leu Glu Glu
            100   105   110

Val Gly Trp Arg Arg Cys Ser Cys Ala Pro Gly Tyr Lys Leu Gly Asp
        115   120   125

Asp Leu Leu Gln Cys His Pro Ala Val Lys Phe Pro Cys Gly Arg Pro
    130   135   140

Trp Lys Arg Met Glu Lys Lys Arg Ser His Leu Lys Arg Asp Thr Glu
145   150   155   160

Asp Gln Glu Asp Gln Val Asp Pro Arg Leu Ile Asp Gly Lys Met Thr
                165   170   175

Arg Arg Gly Asp Ser Pro Trp Gln Val Val Leu Leu Asp Ser Lys Lys
            180   185   190

Lys Leu Ala Cys Gly Ala Val Leu Ile His Pro Ser Trp Val Leu Thr
        195   200   205

Ala Ala His Cys Met Asp Glu Ser Lys Lys Leu Leu Val Arg Leu Gly
    210   215   220

Glu Tyr Asp Leu Arg Arg Trp Glu Lys Trp Glu Leu Asp Leu Asp Ile
225   230   235   240

Lys Glu Val Phe Val His Pro Asn Tyr Ser Lys Ser Thr Thr Asp Asn
                245   250   255

Asp Ile Ala Leu Leu His Leu Ala Gln Pro Ala Thr Leu Ser Gln Thr
            260   265   270

Ile Val Pro Ile Cys Leu Pro Asp Ser Gly Leu Ala Glu Arg Glu Leu
        275   280   285

Asn Gln Ala Gly Gln Glu Thr Leu Val Thr Gly Trp Gly Tyr His Ser
                         5

15199.ST25.txt

```
            290                    295                   300

Ser Arg Glu Lys Glu Ala Lys Arg Asn Arg Thr Phe Val Leu Asn Phe
305                 310                 315                 320

Ile Lys Ile Pro Val Val Pro His Asn Glu Cys Ser Glu Val Met Ser
                325                 330                 335

Asn Met Val Ser Glu Asn Met Leu Cys Ala Gly Ile Leu Gly Asp Arg
            340                 345                 350

Gln Asp Ala Cys Glu Gly Asp Ser Gly Gly Pro Met Val Ala Ser Phe
        355                 360                 365

His Gly Thr Trp Phe Leu Val Gly Leu Val Ser Trp Gly Glu Gly Cys
    370                 375                 380

Gly Leu Leu His Asn Tyr Gly Val Tyr Thr Lys Val Ser Arg Tyr Leu
385                 390                 395                 400

Asp Trp Ile His Gly His Ile Arg Asp Lys Glu Ala Pro Gln Lys Ser
            405                 410                 415

Trp Ala Pro
```